

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Autism Speaks	fMRI evidence of genetic influence on rigidity in ASD	\$0	Q2.S.G	University of Michigan
Autism Speaks	Are neuronal defects in the cerebral cortex linked to autism?	\$0	Q2.Other	Memorial Sloan-Kettering Cancer Center
Autism Speaks	Neural mechanisms underlying an extended multisensory temporal binding window in ASD	\$0	Q2.Other	Vanderbilt University
Simons Foundation	Language processing in children with 22q11 deletion syndrome and autism	\$0	Q2.S.G	Emory University
Autism Speaks	How does IL-6 mediate the development of autism-related behaviors?	\$0	Q2.S.A	California Institute of Technology
Autism Speaks	Neurobiological mechanisms of insistence on sameness in autism	\$0	Q2.Other	University of Illinois at Chicago
Autism Speaks	A role for immune molecules in cortical connectivity: Potential implications for autism	\$0	Q2.S.A	University of California, Davis
Autism Speaks	Vaccination with regression study	\$0	Q2.S.F	Kaiser Permanente Georgia
Simons Foundation	The Brain Genomics Superstruct Project	\$0	Q2.L.B	Harvard University
Simons Foundation	Alterations in brain-wide neuroanatomy in autism mouse models	\$0	Q2.Other	Cold Spring Harbor Laboratory
Simons Foundation	Simons Variation in Individuals Project (VIP) Structural Imaging and Phenotyping Site - SCAP-local	\$0	Q2.S.G	Children's Hospital of Philadelphia
National Science Foundation	A multigenerational longitudinal study of language development: Insight from autism	\$0	Q2.S.G	University of North Carolina at Chapel Hill
National Science Foundation	Collaborative research: The path to verb learning	\$0	Q2.Other	Temple University
National Science Foundation	Collaborative research: The path to verb learning	\$0	Q2.Other	University of Delaware
National Science Foundation	CAREER: Model-based fMRI of human object recognition	\$0	Q2.Other	Georgetown University
National Science Foundation	A developmental social neuroscience approach to perception-action relations	\$0	Q2.Other	Temple University
Autism Speaks	MEG investigation of phonological processing in autism	\$0	Q2.Other	University of Colorado Denver
National Science Foundation	A Multigenerational longitudinal study of language development: Insight from autism	\$0	Q2.S.G	Northwestern University
National Science Foundation	Collaborative research: Learning complex auditory categories	\$0	Q2.Other	Carnegie Mellon University
National Science Foundation	Collaborative research: RUI: Perceptual pick-up processes in interpersonal coordination	\$0	Q2.Other	College of the Holy Cross
National Science Foundation	Dimensions of mind perception	\$0	Q2.Other	Harvard University
National Science Foundation	Exploring the uncanny valley	\$0	Q2.Other	Carnegie Mellon University
National Science Foundation	Collaborative research: Modeling perception and memory: Studies in priming	\$0	Q2.Other	University of California, San Diego

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National Science Foundation	Infants' developing representation of object function	\$0	Q2.Other	University of California, Davis
National Science Foundation	Collaborative research: Modeling perception and memory: Studies in priming	\$0	Q2.Other	Indiana University
Simons Foundation	Brain circuitry in simplex autism	\$0	Q2.Other	Washington University in St. Louis
National Science Foundation	Collaborative research: Learning complex auditory categories	\$0	Q2.Other	University of Arizona
National Institutes of Health	ACE Center: Diffusion tensor MRI + histopathology of brain microstructure + fiber pathways	\$1	Q2.Other	University of Pittsburgh
National Science Foundation	CDI-TYPE II: From language to neural representations of meaning	\$0	Q2.Other	Carnegie Mellon University
Simons Foundation	Aberrant synaptic function caused by TSC mutation in autism	\$0	Q2.S.D	Columbia University
National Science Foundation	HCC:Small:Computational studies of social nonverbal communication	\$0	Q2.Other	University of Southern California
National Science Foundation	Multiple systems in theory of mind development	\$0	Q2.Other	Rutgers, The State University of New Jersey - New Brunswick
Simons Foundation	Perturbed cortical patterning in autism	\$0	Q2.Other	Seattle Children's Hospital
Simons Foundation	Hyperthermia and the amelioration of autism symptoms	\$0	Q2.S.A	Montefiore Medical Center
National Science Foundation	Synchronous activity in networks of electrically coupled cortical interneurons	\$0	Q2.Other	University of California, Davis
National Science Foundation	CAREER: Integrative behavioural and neurophysiological studies of normal and autistic cognition using video game environments	\$0	Q2.Other	Cornell University
National Science Foundation	CAREER: The role of prosody in word segmentation and lexical access	\$0	Q2.Other	Michigan State University
National Science Foundation	CAREER: Dissecting the neural mechanisms for face detection	\$0	Q2.Other	California Institute of Technology
Simons Foundation	Underlying mechanisms in a cerebellum-dependent model of autism	\$0	Q2.S.D	Harvard Medical School
National Institutes of Health	Global & targeted profiling of protein, phospho and O-GlcNAc to understand synapses	\$994	Q2.Other	University of California, San Francisco
Autism Speaks	Autism phenotypes in Tuberous Sclerosis: Risk factors, features & architecture	\$0	Q2.S.D	King's College London
Autism Speaks	Characterization of the sleep phenotype in adolescents and adults with autism spectrum disorder	\$0	Q2.S.E	Vanderbilt University

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Autism Speaks	Neuroligins and neuroligins as autism candidate genes: Study of their association in synaptic connectivity	\$0	Q2.Other	University of California, San Diego
Autism Speaks	Behavioral and functional neuroimaging investigations of visual perception and cognition in autistics	\$0	Q2.Other	Université de Montréal
Autism Speaks	The neural correlates of transient and sustained executive control in children with autism spectrum disorder	\$0	Q2.Other	University of Missouri
Autism Speaks	Development of brain connectivity in autism	\$0	Q2.Other	New York School of Medicine
Autism Speaks	Architecture of myelinated axons linking frontal cortical areas	\$0	Q2.Other	Boston University
Autism Speaks	Phonological processing in the autism spectrum	\$0	Q2.Other	Heriot-Watt University
Autism Speaks	Imaging synaptic neuroligin-neuroligin complexes by proximity biotinylation: Applications to the molecular pathogenesis of autism	\$0	Q2.Other	Massachusetts Institute of Technology
Autism Speaks	fMRI studies of cerebellar functioning in autism	\$0	Q2.Other	University of Illinois at Chicago
Autism Speaks	Linguistic perspective-taking in adults with high-functioning autism: Investigation of the mirror neuron system	\$0	Q2.Other	Carnegie Mellon University
Autism Speaks	Novel approaches for investigating the neurology of autism: Detailed morphometric analysis and correlation with motor impairment	\$0	Q2.Other	Kennedy Krieger Institute
Autism Speaks	Influence of the maternal immune response on the development of autism	\$0	Q2.S.A	University of Medicine & Dentistry of New Jersey
Department of Defense - Autism Research Program	Etiology of sleep disorders in ASD: Role of inflammatory cytokines	\$0	Q2.S.E	University of Maryland, Baltimore
Department of Defense - Autism Research Program	Gastrointestinal functions in autism	\$0	Q2.S.E	University at Buffalo, The State University of New York
Department of Defense - Autism Research Program	Role of autism-susceptibility gene, CNTNAP2, in neural circuitry for vocal communication	\$0	Q2.Other	University of California, Los Angeles
Brain & Behavior Research Foundation	Role of negative regulators of FGF signaling in frontal cortex development and autism	\$0	Q2.Other	University of California, San Francisco
Department of Defense - Autism Research Program	Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	Arkansas Children's Hospital Research Institute
Department of Defense - Autism Research Program	Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	State University of New York at Potsdam

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Department of Defense - Autism Research Program	Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Brain & Behavior Research Foundation	Roles of miRNAs in regulation of Foxp2 and in autism	\$0	Q2.Other	Louisiana State University
Department of Defense - Autism Research Program	Excessive cap-dependent translation as a molecular mechanism underlying ASD	\$0	Q2.Other	New York University
Department of Defense - Autism Research Program	Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Department of Defense - Autism Research Program	Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Department of Defense - Autism Research Program	Developing novel automated apparatus for studying battery of social behaviors in mutant mouse models for autism	\$0	Q2.Other	Weizmann Institute of Science
Department of Defense - Autism Research Program	Neural correlates of restricted, repetitive behaviors in autism spectrum disorders	\$0	Q2.S.G	Massachusetts General Hospital
Department of Defense - Autism Research Program	Neural correlates of restricted, repetitive behaviors in autism spectrum disorders	\$0	Q2.S.G	Massachusetts General Hospital
Department of Defense - Autism Research Program	Mechanisms of mitochondrial dysfunction in autism	\$0	Q2.S.A	Georgia State University
Department of Defense - Autism Research Program	Modulation of fxr1 splicing as a treatment strategy for autism in fragile X syndrome	\$0	Q2.S.D	Stanford University
Department of Defense - Autism Research Program	Serotonin signal transduction in two groups of autistic patients	\$0	Q2.Other	University of Illinois at Chicago
Autism Science Foundation	Attentional distribution and word learning in children with autism	\$0	Q2.Other	Brown University
Autism Science Foundation	Ube3a requirements for structural plasticity of synapses	\$0	Q2.Other	University of North Carolina at Chapel Hill
Brain & Behavior Research Foundation	Learning in autism spectrum disorders	\$0	Q2.Other	University of California, Davis
Brain & Behavior Research Foundation	Role of microglial activation in the serotonergic and neuroimmune disturbances underlying autism	\$0	Q2.S.A	Hamamatsu University School of Medicine
Autism Speaks	Neurogenic growth factors in autism	\$0	Q2.S.G	Yale University
Department of Defense - Autism Research Program	Systematic characterization of the immune response to gluten and casein in autism spectrum disorders	\$0	Q2.S.A	Weill Cornell Medical College
Department of Defense - Autism Research Program	Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	University of Rochester
Department of Defense - Autism Research Program	The functional link between DISC1 and neuroligins: Two genetic factors in the etiology of autism	\$0	Q2.S.D	Children's Memorial Hospital, Chicago

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Department of Defense - Autism Research Program	Self-injurious behavior: An animal model of an autism endophenotype	\$0	Q2.Other	University of Florida
Department of Defense - Autism Research Program	Neural basis of empathy and its dysfunction in autism spectrum disorders (ASD)	\$0	Q2.Other	Duke University
Brain & Behavior Research Foundation	Assessing sleep regulation, sleep-dependent memory consolidation, and sleep-dependent synaptic plasticity in mouse genetic models of schizophrenia and autism spectrum disorders	\$0	Q2.S.E	University of Pennsylvania
Autism Speaks	Dendritic organization within the cerebral cortex in autism	\$0	Q2.Other	The Open University
Autism Speaks	The mechanism of the maternal infection risk factor for autism	\$0	Q2.S.A	California Institute of Technology
Autism Speaks	Near-infrared spectroscopy studies of early neural signatures of autism	\$0	Q2.L.B	Yale University
Autism Speaks	A cerebellar mutant for investigating mechanisms of autism in Tuberous Sclerosis	\$0	Q2.S.D	Boston Children's Hospital
Autism Speaks	TrkB agonist therapy for sensorimotor dysfunction in Rett syndrome	\$0	Q2.S.D	Case Western Reserve University
Simons Foundation	Investigating the etiology of childhood disintegrative disorder	\$74,983	Q2.S.F	Yale University
Autism Speaks	The pathogenesis of autism: Maternal antibody exposure in the fetal brain	\$93,500	Q2.S.A	The Feinstein Institute for Medical Research
Autism Speaks	Influence of maternal cytokines during pregnancy on effector and regulatory T helper cells as etiological factors in autism	\$93,500	Q2.S.A	University of Medicine & Dentistry of New Jersey
Autism Speaks	Macrocephalic autism: Exploring and exploiting the role of PTEN	\$28,000	Q2.Other	University of Wisconsin - Madison
Autism Speaks	Preference acquisition in children and adolescents with and without autism spectrum disorder	\$28,000	Q2.Other	Dalhousie University
Simons Foundation	Functional analysis of EFR3A mutations associated with autism	\$31,250	Q2.Other	Yale University
National Institutes of Health	Frontostriatal synaptic dysfunction in a model of autism	\$48,398	Q2.Other	Stanford University
Simons Foundation	Stimulus-driven attention deficits in autism	\$60,000	Q2.Other	University of Minnesota
Autism Speaks	A stem cell based platform for identification of common defects in autism spectrum disorders	\$28,000	Q2.S.D	Scripps Research Institute
National Institutes of Health	Regulation of synapse elimination by FMRP	\$54,734	Q2.S.D	University of Texas Southwestern Medical Center
National Institutes of Health	L-type calcium channel regulation of neuronal differentiation	\$32,129	Q2.S.D	Stanford University

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Simons Foundation	Simons Variation in Individuals Project (Simons VIP) Principal Investigator Gift	\$48,731	Q2.S.G	Columbia University
National Institutes of Health	Regulation of activity-dependent ProSap2 synaptic dynamics	\$33,879	Q2.Other	Stanford University
National Institutes of Health	Investigation of protocadherin-10 in MEF2- and FMRP-mediated synapse elimination	\$51,326	Q2.S.D	University of Texas Southwestern Medical Center
Simons Foundation	Transcriptional responsiveness in lymphoblastoid cell lines	\$52,863	Q2.Other	University of Pennsylvania
Autism Research Institute	Glutamate signaling in children with autism spectrum disorder	\$57,840	Q2.Other	University of California, Davis
Autism Speaks	Salivary melatonin as a biomarker for response to sleep interventions in children with autism	\$58,397	Q2.S.E	University of Colorado Denver
National Institutes of Health	The role of intracellular metabotropic glutamate receptor 5 at the synapse	\$26,338	Q2.S.D	Washington University in St. Louis
Simons Foundation	Functional analysis of neuroligin IV in Drosophila	\$68,652	Q2.Other	University of California, Los Angeles
National Institutes of Health	An investigation of the overlap of autism and fragile X syndrome	\$71,632	Q2.S.G	University of North Carolina at Chapel Hill
Simons Foundation	Simons Variation in Individuals Project (VIP) Imaging Analysis Site	\$28,560	Q2.S.G	Harvard University
National Institutes of Health	Pleiotropic roles of dyslexia genes in neurodevelopmental language impairments	\$41,800	Q2.S.D	Yale University
Simons Foundation	Exploring metabolic dysfunction in the brains of people with autism	\$59,856	Q2.S.A	George Washington University
Simons Foundation	Head-fixed recording of sensory learning in mouse autism models	\$60,000	Q2.Other	Princeton University
Department of Defense - Autism Research Program	Altered gastrointestinal function in the neuroligin-3 mouse model of autism	\$69,813	Q2.S.E	University of Melbourne
National Institutes of Health	Functional properties and directed connectivity in the face-processing network	\$53,042	Q2.Other	Yale University
Simons Foundation	GABA(A) and prenatal immune events leading to autism	\$62,500	Q2.S.A	Stanford University
Simons Foundation	Neurobiology of RAI1, the causal gene for Smith-Magenis syndrome	\$31,022	Q2.S.D	Stanford University
National Institutes of Health	Elucidation of the developmental role of Jakmip1, an autism-susceptibility gene	\$31,042	Q2.Other	University of California, Los Angeles
National Institutes of Health	Neural mechanisms of imitative behavior: Implications for mental health	\$32,696	Q2.Other	University of California, Los Angeles
Autism Speaks	In-vivo imaging of neuronal structure and function in a reversible mouse model for autism.	\$28,000	Q2.S.D	Baylor College of Medicine

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Simons Foundation	Using fruit flies to map the network of autism-associated genes	\$31,249	Q2.Other	University of California, San Diego
National Institutes of Health	Cortical microcircuit dysfunction as a result of MET deficiency: A link to autism	\$33,955	Q2.Other	Northwestern University
National Institutes of Health	Multisensory integration and temporal synchrony in autism	\$35,100	Q2.Other	University of Rochester
National Institutes of Health	Proteomics in drosophila to identify autism candidate substrates of UBE3A (supplement)	\$29,600	Q2.S.D	University of Tennessee Health Science Center
National Institutes of Health	Presynaptic regulation of quantal size by the cation/H <sup>+</sup> exchangers NHE6 & NHE9	\$29,650	Q2.Other	University of California, Berkeley
National Institutes of Health	fMRI study of reward responsiveness of children with autism spectrum disorder	\$53,566	Q2.Other	University of California, Los Angeles
National Institutes of Health	Brain lipid rafts in cholesterol biosynthesis disorders	\$60,480	Q2.Other	Medical College of Wisconsin
National Institutes of Health	Investigating the homeostatic role of MeCP2 in mature brain	\$35,400	Q2.S.D	Baylor College of Medicine
Simons Foundation	Single-unit recordings from the amygdala in people with autism	\$54,000	Q2.S.E	California Institute of Technology
Simons Foundation	Early expression of autism spectrum disorder in experimental animals	\$54,000	Q2.Other	Neurochlore
Simons Foundation	Role of neurexin in the amygdala and associated fear memory	\$25,000	Q2.Other	Columbia University
Autism Speaks	Behavioral and neural correlates of reward motivation in children with autism spectrum disorders	\$27,554	Q2.Other	University of North Carolina at Chapel Hill
National Science Foundation	CAREER: Typical and atypical development of brain regions for theory of mind	\$27,670	Q2.Other	Massachusetts Institute of Technology
Simons Foundation	Corticothalamic circuit interactions in autism	\$50,000	Q2.Other	Boston Children's Hospital
Department of Defense - Autism Research Program	Altered gastrointestinal function in the neuroligin-3 mouse model of autism	\$50,434	Q2.S.E	University of Melbourne
National Science Foundation	Neural systems for the extraction of socially-relevant information from faces	\$51,783	Q2.Other	Dartmouth College
National Institutes of Health	Multimodal studies of executive function deficits in autism spectrum disorders	\$51,942	Q2.Other	Massachusetts General Hospital
Simons Foundation	Simons Variation in Individuals Project (VIP) Recruitment Coordination Site	\$66,702	Q2.S.G	Weis Center For Research - Geisinger Clinic
National Institutes of Health	The role of MeCP2 in Rett syndrome (supplement)	\$38,273	Q2.S.D	University of California, Davis
National Institutes of Health	Role of GluK6 in cerebella circuitry development	\$55,826	Q2.Other	Yale University
Simons Foundation	The role of UBE3A in autism	\$62,500	Q2.S.D	Harvard Medical School

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National Institutes of Health	Mechanism of UBE3A imprint in neurodevelopment	\$33,616	Q2.S.D	University of California, Davis
Autism Speaks	Social cognition in 22q11.2 deletion syndrom (DS) adolescents with ASD vs. without ASD: Imaging and genetic correlates	\$28,000	Q2.S.G	State University of New York Upstate Medical Center
Simons Foundation	Mesocorticolimbic dopamine circuitry in mouse models of autism	\$87,337	Q2.S.D	Stanford University
Simons Foundation	Investigation of social brain circuits in mouse models of the 16p11.2 locus	\$87,500	Q2.Other	Cold Spring Harbor Laboratory
Simons Foundation	Identifying the gene in 17q12 responsible for neuropsychiatric phenotypes	\$92,640	Q2.S.G	Emory University
National Institutes of Health	Self-regulation and sleep in children at risk for autism spectrum disorders	\$90,000	Q2.S.E	University of California, Davis
National Institutes of Health	Investigating brain connectivity in autism at the whole-brain level	\$90,000	Q2.Other	California Institute of Technology
Autism Speaks	Social behavior deficits in autism: Role of amygdala	\$92,074	Q2.Other	State University of New York Upstate Medical Center
National Institutes of Health	Neurocognitive mechanisms underlying children's theory of mind development	\$74,160	Q2.Other	University of California, San Diego
National Institutes of Health	dFMRP and Caprin: Translational regulators of synaptic plasticity	\$12,768	Q2.S.D	University of Washington
Simons Foundation	Simons Variation in Individuals Project (Simons VIP) Core Leader Gift	\$12,980	Q2.S.G	University of California, San Francisco
Simons Foundation	Simons Variation in Individuals Project (VIP) Principal Investigator	\$20,272	Q2.S.G	Columbia University
Autism Research Institute	Enhanced tissue procurement from autistic individuals	\$22,000	Q2.S.C	NICHD (National Institute of Child Health & Human Development) Brain and Tissue Bank for Developmental Disorders, University of Maryland
National Institutes of Health	Genetic dissection of restricted repetitive behavior (RRB)	\$22,813	Q2.S.G	University of Florida
National Institutes of Health	Cellular characterization of Caspr2	\$24,666	Q2.Other	University of California, San Diego
National Institutes of Health	Presynaptic fragile X proteins	\$90,000	Q2.S.D	Brown University
National Science Foundation	Action anticipation in infants	\$98,745	Q2.Other	University of Chicago
Department of Defense - Autism Research Program	How autism affects speech understanding in multitaler environments	\$143,264	Q2.Other	University of Maryland, College Park
Simons Foundation	The integration of interneurons into cortical microcircuits	\$75,000	Q2.Other	New York University School of Medicine
Autism Speaks	Maternal infection and autism: Impact of placental sufficiency and maternal inflammatory responses on fetal brain development	\$108,375	Q2.S.A	Stanford University



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Simons Foundation	Characterizing sleep disorders in autism spectrum disorder	\$112,064	Q2.S.E	Stanford University
Autism Speaks	PI3K/mTOR signaling as a novel biomarker and therapeutic target in autism	\$100,000	Q2.Other	Emory University
Autism Speaks	Investigation of the link between early brain enlargement and abnormal functional connectivity in autism spectrum disorders	\$117,156	Q2.L.A	University of Washington
National Institutes of Health	The microRNA pathway in translational regulation of neuronal development	\$352,647	Q2.S.D	University of Massachusetts Medical School
Simons Foundation	The brain genomics superstruct project	\$75,000	Q2.S.G	President & Fellows of Harvard College
Autism Speaks	The effects of disturbed sleep on sleep-dependent memory consolidation and daily function in individuals with ASD	\$89,545	Q2.S.E	Beth Israel Deaconess Medical Center
National Institutes of Health	Cognitive control of emotion in autism	\$103,256	Q2.Other	University of Pittsburgh
Autism Speaks	MEG investigation of the neural substrates underlying visual perception in autism	\$128,798	Q2.Other	Massachusetts General Hospital
Simons Foundation	Quantitative proteomic approach towards understanding and treating autism	\$112,500	Q2.S.D	Emory University
National Institutes of Health	Defining the dynamics of the default network with direct brain recordings and functional MRI	\$144,317	Q2.Other	University of Washington
Department of Defense - Autism Research Program	White matter glial pathology in autism	\$145,689	Q2.Other	East Tennessee State University
National Institutes of Health	Development of ventral stream organization	\$137,338	Q2.Other	University of Pittsburgh
Simons Foundation	Identification of targets for the neuronal E3 ubiquitin ligase PAM	\$60,000	Q2.S.D	Massachusetts General Hospital
Simons Foundation	The role of CNTNAP2 in embryonic neural stem cell regulation	\$75,000	Q2.Other	Johns Hopkins University School of Medicine
National Institutes of Health	Monolingual and bilingual infants' sensitivity to agreement morphology in Spanish	\$143,650	Q2.Other	Florida International University
National Institutes of Health	MicroRNAs in synaptic plasticity and behaviors relevant to autism	\$131,220	Q2.S.D	Massachusetts General Hospital
Simons Foundation	Simons Variation in Individuals Project (VIP) Statistical Core Site	\$131,768	Q2.S.G	Columbia University
Simons Foundation	Coordinated control of synapse development by autism-linked genes	\$75,000	Q2.S.D	University of Texas Southwestern Medical Center
National Institutes of Health	Functional imaging of flexibility in autism: Informed by SLC6A4	\$132,748	Q2.S.G	Children's Research Institute
Autism Speaks	20-year outcome of autism	\$150,000	Q2.L.A	University of Utah
Autism Speaks	Social processing, language, and executive functioning in twin pairs: Electrophysiological and behavioral endophenotypes	\$150,000	Q2.S.G	University of Washington

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Simons Foundation	A functional genomic analysis of the cerebral cortex	\$85,471	Q2.Other	University of California, Los Angeles
Simons Foundation	Neural mechanisms for social cognition in autism spectrum disorders	\$112,523	Q2.Other	Massachusetts Institute of Technology
Simons Foundation	Mechanisms of synapse elimination by autism-linked genes	\$75,000	Q2.S.D	University of Texas Southwestern Medical Center
National Institutes of Health	Anatomy of primate amygdaloid complex	\$75,629	Q2.Other	University of California, Davis
Simons Foundation	Autism spectrum disorders and the visual analysis of human motion	\$125,000	Q2.Other	Rutgers, The State University of New Jersey
Autism Speaks	Neural correlates of serotonin transporter gene polymorphisms and social impairment in ASD	\$127,500	Q2.S.G	University of Michigan
National Institutes of Health	The role of Fox-1 in neurodevelopment and autistic spectrum disorder	\$145,757	Q2.Other	University of California, Los Angeles
National Institutes of Health	Grammatical development in boys with fragile X syndrome and autism	\$148,500	Q2.S.D	University of Wisconsin - Madison
Autism Speaks	Elucidation and rescue of amygdala abnormalities in the Fmr1 mutant mouse model of fragile X syndrome	\$150,000	Q2.S.D	George Washington University
Simons Foundation	Neurologin, oxidative stress and autism	\$75,000	Q2.Other	Oklahoma Medical Research Foundation
National Institutes of Health	A non-human primate autism model based on maternal immune activation	\$75,629	Q2.S.A	University of California, Davis
National Institutes of Health	Primate models of autism	\$75,629	Q2.S.A	University of California, Davis
Simons Foundation	A sex-specific dissection of autism genetics	\$150,000	Q2.S.B	University of California, San Francisco
Department of Defense - Autism Research Program	MTHFR functional polymorphism C677T and genomic instability in the etiology of idiopathic autism in simplex families	\$114,984	Q2.Other	Queen's University
Autism Speaks	MRI study of brain development in school age children with autism	\$126,978	Q2.L.A	University of North Carolina at Chapel Hill
Autism Speaks	Role of micro-RNAs in ASD affected circuit formation and function	\$127,383	Q2.Other	University of California, San Francisco
Autism Speaks	Neuropathology of the social-cognitive network in Autism: a comparison with other structural theories	\$100,198	Q2.Other	University of Oxford
National Science Foundation	Experience and cognitive development in infancy	\$100,798	Q2.Other	University of California, Davis
National Science Foundation	Face perception: Mapping psychological spaces to neural responses	\$79,992	Q2.Other	Stanford University
National Institutes of Health	Controlling interareal gamma coherence by optogenetics, pharmacology and behavior	\$83,521	Q2.Other	Massachusetts Institute of Technology
National Institutes of Health	MET signaling in neural development and circuitry formation	\$83,810	Q2.Other	University of Southern California

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National Institutes of Health	Learning and compression in human working memory	\$84,000	Q2.Other	Harvard University
Autism Research Institute	To study the relationship between decreased hepatocyte growth factor (HGF) and glutamate excitotoxicity in autistic children	\$7,228	Q2.Other	Health Research Institute/Pfeiffer Treatment Center
Simons Foundation	Simons Variation in Individual Project (Simons VIP) Core Leader Gift	\$8,244	Q2.S.G	Boston Children's Hospital
Autism Research Institute	Investigation of IL-9, IL-33 and TSLP in serum of autistic children	\$8,650	Q2.S.A	Tufts University School of Medicine
Autism Research Institute	Multidimensional impact of pain on individuals and family functioning in ASD	\$13,000	Q2.Other	The Research Foundation of the State University of New York
National Institutes of Health	Structural brain differences between autistic and typically-developing siblings	\$13,020	Q2.Other	Stanford University
Brain & Behavior Research Foundation	Enhancing neurobehavioural and clinical definitions in autism spectrum disorders	\$14,000	Q2.Other	Monash University
Brain & Behavior Research Foundation	Neuropeptide regulation of juvenile social behaviors	\$14,755	Q2.Other	Boston College
Brain & Behavior Research Foundation	Behavioral and neural responses to emotional faces in individuals with ASD	\$14,935	Q2.Other	Harvard University
Brain & Behavior Research Foundation	Abnormal connectivity in autism	\$15,000	Q2.Other	University of California, Los Angeles
Brain & Behavior Research Foundation	The neural basis of weak central coherence in autism spectrum disorders	\$13,040	Q2.Other	Yale University
Autism Research Institute	Neuroprotective effects of oxytocin receptor signaling in the enteric nervous system	\$25,000	Q2.Other	Columbia University
Brain & Behavior Research Foundation	Neural underpinning of emotion perception and its disorders	\$15,000	Q2.Other	Dartmouth College
Simons Foundation	Neurexin-neuroligin trans-synaptic interaction in learning and memory	\$200,000	Q2.Other	Columbia University
Simons Foundation	A non-human primate autism model based on maternal infection	\$200,000	Q2.S.A	California Institute of Technology
National Institutes of Health	Decoding 'what' and 'who' in the auditory system of children with autism spectrum disorders	\$237,000	Q2.Other	Stanford University
National Institutes of Health	Augmentation of the cholinergic system in fragile X syndrome: a double-blind placebo study	\$237,600	Q2.S.D	Stanford University
National Science Foundation	RI: Small: Addressing visual analogy problems on the raven's intelligence test	\$165,546	Q2.Other	Georgia Tech Research Corporation
National Institutes of Health	Multimodal brain imaging in autism spectrum disorders	\$167,832	Q2.Other	University of Washington
National Institutes of Health	Sex differences in early brain development; Brain development in turner syndrome	\$156,841	Q2.S.D	University of North Carolina at Chapel Hill

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Diffuse optical brain imaging	\$182,022	Q2.Other	National Institutes of Health
National Institutes of Health	New approaches to local translation: SpaceSTAMP of proteins synthesized in axons	\$246,254	Q2.S.D	Dana-Farber Cancer Institute
National Institutes of Health	Structural and functional connectivity of large-scale brain networks in autism spectrum disorders	\$168,978	Q2.Other	Stanford University
National Institutes of Health	Activity-dependent phosphorylation of MeCP2	\$174,748	Q2.S.D	Harvard Medical School
National Institutes of Health	Longitudinal characterization of functional connectivity in autism	\$182,352	Q2.L.A	University of Utah
National Institutes of Health	Multimodal analyses of face processing in autism & down syndrome	\$182,882	Q2.Other	University of Massachusetts Medical School
National Institutes of Health	Identification of candidate genes at the synapse in autism spectrum disorders	\$169,422	Q2.Other	Yale University
Simons Foundation	Genetically defined stem cell models of Rett and fragile X syndrome	\$175,000	Q2.S.D	Whitehead Institute for Biomedical Research
National Institutes of Health	EEG-based assessment of functional connectivity in autism	\$175,176	Q2.Other	Kennedy Krieger Institute
National Institutes of Health	Metacognition in comparative perspective	\$210,896	Q2.Other	University at Buffalo, The State University of New York
Health Resources and Services Administration	The Study of Toddlers with Autism and Regression (STAR) Protocol – Screening for treatable disorders and biomarkers of inflammation and immune activation in the plasma and CNS	\$158,461	Q2.S.A	Surrey Place Centre, Toronto
National Institutes of Health	Neurobehavioral investigation of tactile features in autism spectrum disorders	\$159,480	Q2.Other	Vanderbilt University
Simons Foundation	Role of intracellular mGluR5 in fragile X syndrome and autism	\$150,000	Q2.S.D	Washington University in St. Louis
National Institutes of Health	Pathophysiology of MeCP2 spectrum disorders	\$170,383	Q2.S.D	Baylor College of Medicine
Simons Foundation	Regulation of synaptogenesis by cyclin-dependent kinase 5	\$180,264	Q2.Other	Massachusetts Institute of Technology
National Institutes of Health	Genetic dissection of restricted repetitive behavior (RRB)	\$180,303	Q2.S.G	Seattle Children's Hospital
National Institutes of Health	Communicative and emotional facial expression production in children with autism	\$171,215	Q2.Other	University of Massachusetts Medical School
National Institutes of Health	A neural model of fronto-parietal mirror neuron system dynamics	\$183,344	Q2.Other	University of Maryland, College Park
National Institutes of Health	Cognitive control in autism	\$152,627	Q2.Other	University of California, Davis
National Science Foundation	Neural basis of cross-modal influences on perception	\$154,104	Q2.Other	University of California, San Diego

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National Institutes of Health	Motor control and cerebellar maturation in autism	\$157,148	Q2.Other	University of Texas Southwestern Medical Center
National Institutes of Health	ACE Center: Imaging the autistic brain before it knows it has autism	\$197,682	Q2.Other	University of California, San Diego
Simons Foundation	Canonical neural computation in autism spectrum disorders	\$200,717	Q2.Other	New York University
National Institutes of Health	Atypical late neurodevelopment in autism: A longitudinal MRI and DTI study (supplement)	\$154,416	Q2.Other	University of Utah
National Institutes of Health	A primate model of gut, immune, and CNS response to childhood vaccines	\$156,634	Q2.S.A	University of Washington
National Institutes of Health	Neurobiological signatures of audiovisual speech perception in children in ASD	\$240,420	Q2.Other	Haskins Laboratories, Inc.
National Institutes of Health	Neocortical mechanisms of categorical speech perception	\$240,744	Q2.Other	University of California, San Francisco
Health Resources and Services Administration	Epileptiform discharges and its relation to cognition and behavior in children with autism spectrum disorders	\$206,475	Q2.S.E	Vanderbilt University
National Institutes of Health	In vivo targeted gene silencing, a novel method	\$218,472	Q2.Other	Indiana University-Purdue University Indianapolis
National Institutes of Health	CNS toxicity of ambient air pollution: Postnatal exposure to ultrafine particles	\$229,433	Q2.S.A	University of Rochester
National Institutes of Health	Neuroimaging of social perception	\$242,812	Q2.Other	University of Virginia
National Institutes of Health	ACE Center: Disturbances of affective contact: Development of brain mechanisms for emotion	\$157,294	Q2.Other	University of Pittsburgh
Simons Foundation	Perturbed activity-dependent plasticity mechanisms in autism	\$158,034	Q2.Other	Harvard Medical School
National Institutes of Health	Neurodevelopmental mechanisms of social behavior (supplement)	\$198,063	Q2.Other	University of Southern California
National Institutes of Health	Behavioral and sensory evaluation of auditory discrimination in autism	\$178,529	Q2.Other	University of Massachusetts Medical School
National Institutes of Health	Functional neuroimaging of attention in autism	\$234,240	Q2.S.E	University of Pennsylvania/Children's Hospital of Philadelphia
National Institutes of Health	Functional neuroimaging of psychopharmacologic intervention for autism	\$162,009	Q2.L.B	University of North Carolina at Chapel Hill
Simons Foundation	A study of autism	\$162,232	Q2.L.B	University of Pennsylvania
National Institutes of Health	Functional circuit disorders of sensory cortex in ASD and RTT	\$254,976	Q2.S.D	University of Pennsylvania
National Institutes of Health	Cochlear efferent feedback and hearing-in-noise perception in autism	\$186,794	Q2.Other	University of Rochester
Simons Foundation	Probing a monogenic form of autism from molecules to behavior	\$187,500	Q2.S.D	Stanford University

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National Institutes of Health	Social and affective components of communication	\$298,757	Q2.Other	Salk Institute For Biological Studies
Autism Speaks	Deciphering the function and regulation of AUTS2	\$28,000	Q2.Other	University of California, San Francisco
Simons Foundation	Proteome and interaction networks in autism	\$31,250	Q2.Other	Harvard Medical School
National Institutes of Health	ACE Center: Mirror neuron and reward circuitry in autism	\$302,654	Q2.Other	University of California, Los Angeles
National Institutes of Health	Development of face processing expertise	\$350,596	Q2.Other	University of Toronto
National Institutes of Health	Statistical analysis of biomedical imaging data in curved space	\$326,619	Q2.Other	University of North Carolina at Chapel Hill
National Institutes of Health	Olfactory abnormalities in the modeling of Rett syndrome	\$351,575	Q2.S.D	Johns Hopkins University
National Institutes of Health	Physiology of attention and regulation in children with ASD and LD	\$352,532	Q2.Other	Seattle Children's Hospital
National Institutes of Health	Treatment of medical conditions among individuals with autism spectrum disorders	\$264,726	Q2.S.E	National Institutes of Health
National Institutes of Health	Cerebellar modulation of frontal cortical function	\$309,686	Q2.Other	University of Memphis
National Institutes of Health	Predicting phenotypic trajectories in Prader-Willi syndrome	\$310,752	Q2.S.D	Vanderbilt University
National Institutes of Health	Neuroimmunologic investigations of autism spectrum disorders (ASD)	\$264,726	Q2.S.F	National Institutes of Health
National Institutes of Health	Neural synchronydysfunction of gamma oscillations in autism	\$265,073	Q2.Other	University of Colorado Denver
National Institutes of Health	The role of MeCP2 in Rett syndrome	\$329,781	Q2.S.D	University of California, Davis
National Institutes of Health	Neurodevelopmental mechanisms of social behavior	\$331,208	Q2.Other	University of Southern California
National Institutes of Health	Molecular mechanisms linking early life seizures, autism and intellectual disability	\$332,369	Q2.S.E	University of Colorado Denver
National Institutes of Health	Linking local activity and functional connectivity in autism	\$365,655	Q2.Other	San Diego State University
Simons Foundation	Retrograde synaptic signaling by Neurexin and Neuroligin in C. elegans	\$250,000	Q2.Other	Massachusetts General Hospital
National Institutes of Health	Caspr2 as an autism candidate gene: A proteomic approach to function & structure	\$312,000	Q2.Other	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
National Institutes of Health	MeCP2 modulation of bdnf signaling: Shared mechanisms of Rett and autism	\$314,059	Q2.S.D	University of Alabama at Birmingham
National Institutes of Health	The microstructural basis of abnormal connectivity in autism	\$332,991	Q2.Other	University of Utah

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National Institutes of Health	Elucidating the function of class 4 semaphorins in GABAergic synapse formation	\$337,818	Q2.Other	Brandeis University
National Institutes of Health	Functional neuroanatomy of developmental changes in face processing	\$291,933	Q2.Other	Medical University of South Carolina
National Institutes of Health	Cortical circuit changes and mechanisms in a mouse model of fragile X syndrome	\$278,656	Q2.S.D	University of Texas Southwestern Medical Center
Department of Defense - Autism Research Program	Altered gastrointestinal function in the neuroligin-3 mouse model of autism	\$281,742	Q2.S.E	University of Melbourne
National Institutes of Health	Revealing protein synthesis defects in fragile X syndrome with new chemical tools	\$315,341	Q2.S.D	Stanford University
National Institutes of Health	Inhibitory mechanisms for sensory map plasticity in cerebral cortex	\$320,399	Q2.Other	University of California, Berkeley
National Institutes of Health	Proteomics in drosophila to identify autism candidate substrates of UBE3A	\$313,159	Q2.S.D	University of Tennessee Health Science Center
National Institutes of Health	Autoimmunity against novel antigens in neuropsychiatric dysfunction	\$320,000	Q2.S.A	University of Pennsylvania
National Institutes of Health	Molecular components of A-type K <sup>+</sup> channels	\$363,366	Q2.S.E	New York University School of Medicine
Simons Foundation	Mouse models of human autism spectrum disorders: Gene targeting in specific brain regions	\$300,000	Q2.S.D	University of Texas Southwestern Medical Center
National Institutes of Health	Neural basis of behavioral flexibility	\$360,214	Q2.Other	Mount Sinai School of Medicine
National Institutes of Health	ACE Center: Neuroimaging studies of connectivity in ASD	\$324,271	Q2.Other	Yale University
National Institutes of Health	ACE Center: Genetics of language & social communication: Connecting genes to brain & cognition	\$324,642	Q2.S.G	University of California, Los Angeles
Simons Foundation	Aberrant synaptic form and function due to TSC-mTOR-related mutation in autism spectrum disorders	\$300,000	Q2.S.D	Columbia University
National Institutes of Health	GABAergic dysfunction in autism	\$278,486	Q2.Other	University of Minnesota
National Institutes of Health	Cellular density and morphology in the autistic temporal human cerebral cortex	\$345,910	Q2.Other	University of California, Davis
National Institutes of Health	Cognitive mechanisms of serially organized behavior	\$346,928	Q2.Other	Columbia University
National Institutes of Health	Psychobiological investigation of the socioemotional functioning in autism	\$347,305	Q2.Other	Vanderbilt University
National Institutes of Health	Molecular mechanisms regulating synaptic strength	\$293,266	Q2.Other	Washington University in St. Louis
National Institutes of Health	Longitudinal neurodevelopment of auditory and language cortex in autism	\$27,942	Q2.Other	University of Utah

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Simons Foundation	Cerebellar plasticity and learning in a mouse model of autism	\$31,250	Q2.Other	University of Chicago
National Institutes of Health	Functional role of IL-6 in fetal brain development and abnormal behavior	\$41,800	Q2.Other	California Institute of Technology
National Institutes of Health	Neural mechanisms of tactile sensation in rodent somatosensory cortex	\$256,605	Q2.Other	University of California, Berkeley
National Institutes of Health	Young development of a novel pet ligand for detecting oxytocin receptors in brain	\$261,360	Q2.Other	Emory University
Autism Speaks	The role of mTOR inhibitors in the treatment of autistic symptoms in symptomatic infantile spasms	\$60,000	Q2.S.E	Albert Einstein College of Medicine of Yeshiva University
National Institutes of Health	The effects of autism on the sign language development of deaf children	\$47,210	Q2.Other	Boston University
National Institutes of Health	Using functional physiology to uncover the fundamental principles of visual cortex	\$307,593	Q2.Other	Carnegie Mellon University
National Institutes of Health	Molecular controls over callosal projection neuron subtype specification and diversity	\$41,800	Q2.Other	Harvard University
Simons Foundation	Genetic rescue of fragile X syndrome in mice by targeted deletion of PIKE	\$60,000	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Simons Foundation	Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$303,305	Q2.S.G	Children's Hospital of Philadelphia
National Institutes of Health	Regulation of 22q11 genes in embryonic and adult forebrain	\$308,631	Q2.S.D	George Washington University
Simons Foundation	Eye movement dynamics in autism spectrum disorders	\$42,350	Q2.Other	Carnegie Mellon University
National Institutes of Health	Morphogenesis and function of the cerebral cortex	\$409,613	Q2.Other	Yale University
Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$509,875	Q2.S.G	Boston Children's Hospital
National Institutes of Health	Motor skill learning in autism	\$412,236	Q2.Other	Kennedy Krieger Institute
National Institutes of Health	Genotype-phenotype relationships in fragile X families	\$530,124	Q2.S.D	University of California, Davis
National Institutes of Health	Mechanisms of mGluR5 function and dysfunction in mouse autism models	\$419,137	Q2.S.D	University of Texas Southwestern Medical Center
National Institutes of Health	ACE Center: Systems connectivity + brain activation:imaging studies of language + perception	\$426,284	Q2.Other	University of Pittsburgh
National Institutes of Health	Neurobiological correlates of language dysfunction in autism spectrum disorders	\$535,464	Q2.Other	The Mind Research Network
National Institutes of Health	Cell adhesion molecules in CNS development	\$535,691	Q2.Other	Scripps Research Institute



Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Mathematical cognition in autism: A cognitive and systems neuroscience approach	\$657,886	Q2.Other	Stanford University
National Institutes of Health	Genome-wide identification of variants affecting early human brain development	\$504,632	Q2.S.G	University of North Carolina at Chapel Hill
National Institutes of Health	Novel computational methods for higher order diffusion MRI in autism	\$665,572	Q2.Other	University of Pennsylvania
Simons Foundation	Defining cells and circuits affected in autism spectrum disorders	\$669,298	Q2.Other	The Rockefeller University
National Institutes of Health	High-throughput DNA sequencing method for probing the connectivity of neural circuits at single-neuron resolution	\$430,650	Q2.Other	Cold Spring Harbor Laboratory
National Institutes of Health	fMRI studies of neural dysfunction in autistic toddlers	\$536,393	Q2.Other	University of California, San Diego
National Institutes of Health	Development of novel diagnostics for fragile X syndrome	\$537,123	Q2.S.D	JS Genetics, Inc.
National Institutes of Health	Limbic system function in carriers of the fragile X premutation	\$677,700	Q2.S.D	University of California, Davis
National Institutes of Health	Sensory processing and integration in autism	\$550,283	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
National Institutes of Health	Taste, smell, and feeding behavior in autism: A quantitative traits study	\$570,508	Q2.Other	University of Rochester
National Institutes of Health	Limbic system function in carriers of the fragile X premutation (supplement)	\$382,500	Q2.S.D	University of California, Davis
Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$406,581	Q2.S.G	Baylor College of Medicine
National Institutes of Health	Development of the functional neural systems for face expertise	\$505,729	Q2.Other	University of California, San Diego
Simons Foundation	Autism and the insula: Genomic and neural circuits	\$506,341	Q2.Other	California Institute of Technology
National Institutes of Health	ACE Center: Structural and chemical brain imaging of autism	\$509,634	Q2.S.E	University of Washington
National Institutes of Health	Brain bases of language deficits in SLI and ASD	\$651,988	Q2.Other	Massachusetts Institute of Technology
National Institutes of Health	ACE Center: Cognitive affective and neurochemical processes underlying is in autism	\$378,379	Q2.Other	University of Illinois at Chicago
National Institutes of Health	ACE Center: Genetics of serotonin in autism: Neurochemical and clinical	\$378,379	Q2.S.G	University of Illinois at Chicago
National Institutes of Health	Synaptic processing in the basal ganglia	\$378,166	Q2.Other	University of Washington
National Institutes of Health	A neuroimaging study of twin pairs with autism	\$625,808	Q2.S.G	Stanford University
National Institutes of Health	Prostaglandins and cerebellum development	\$371,250	Q2.S.A	University of Maryland, Baltimore

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Vasopressin receptor polymorphism and social cognition	\$373,005	Q2.Other	Agnes Scott College
National Institutes of Health	Social brain networks for the detection of agents and intentions	\$413,750	Q2.Other	Yale University
National Institutes of Health	Kinetics of drug macromolecule complex formation	\$712,920	Q2.Other	University of California, San Diego
National Institutes of Health	Towards an endophenotype for amygdala dysfunction	\$380,304	Q2.Other	California Institute of Technology
National Institutes of Health	Imaging signal transduction in single dendritic spines	\$382,200	Q2.Other	Duke University
National Institutes of Health	Neuroendocrine regulation of metabolism and neurocognition	\$434,644	Q2.S.E	National Institutes of Health
National Institutes of Health	Behavioral and neural processing of faces and expressions in nonhuman primates	\$435,600	Q2.Other	Emory University
National Institutes of Health	Function and structure adaptations in forebrain development	\$541,770	Q2.Other	University of Southern California
National Institutes of Health	Typical and pathological cellular development of the human amygdala	\$383,750	Q2.Other	University of California, Davis
National Institutes of Health	Neuroimaging of top-down control and bottom-up processes in childhood ASD	\$386,859	Q2.Other	Georgetown University
Simons Foundation	Function and dysfunction of neuroligins in synaptic circuits	\$450,000	Q2.Other	Stanford University
National Institutes of Health	ACE Center: Development of categorization, facial knowledge in low & high functioning autism	\$392,439	Q2.Other	University of Pittsburgh
National Institutes of Health	Characterizing the genetic systems of autism through multi-disease analysis	\$560,935	Q2.S.G	Harvard Medical School
National Institutes of Health	Dysregulation of mTOR signaling in fragile X syndrome	\$403,767	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
National Institutes of Health	Neural circuitry of social cognition in the broad autism phenotype	\$405,855	Q2.S.G	University of North Carolina at Chapel Hill
National Institutes of Health	A family-genetic study of language in autism	\$389,948	Q2.S.G	Northwestern University
National Institutes of Health	Synaptic phenotype, development, and plasticity in the fragile X mouse	\$401,852	Q2.S.D	University of Illinois at Urbana Champaign
National Institutes of Health	BDNF and the restoration of synaptic plasticity in fragile X and autism	\$490,756	Q2.S.D	University of California, Irvine
Simons Foundation	Simons Variation in Individuals Project (Simons VIP)	\$612,679	Q2.S.G	Emory University
National Institutes of Health	Integrative functions of the planum temporale	\$479,898	Q2.Other	University of California, Irvine
National Institutes of Health	Cross-modal interactions between vision and touch	\$480,343	Q2.Other	Emory University

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	ACE Center: Genetic contributions to endophenotypes of autism	\$563,757	Q2.S.G	University of Washington
National Science Foundation	CAREER: Statistical models and classification of time-varying shape	\$404,961	Q2.Other	University of Utah
National Institutes of Health	High throughput screen for small molecule probes for neural network development	\$405,000	Q2.Other	Johns Hopkins University
National Institutes of Health	Allelic choice in Rett syndrome	\$390,481	Q2.S.D	Winifred Masterson Burke Medical Research Institute
National Institutes of Health	Sensory mechanisms and self-injury	\$392,262	Q2.S.E	University of Minnesota
National Institutes of Health	Engrailed genes and cerebellum morphology, spatial gene expression and circuitry	\$470,003	Q2.Other	Memorial Sloan-Kettering Cancer Center
Simons Foundation	Atypical architecture of prefrontal cortex in young children with autism	\$565,183	Q2.Other	University of California, San Diego
National Institutes of Health	The genetic basis of mid-hindbrain malformations	\$805,771	Q2.S.G	Seattle Children's Hospital
National Institutes of Health	Understanding the cognitive impact of early life epilepsy	\$836,550	Q2.S.E	Boston Children's Hospital
Simons Foundation	Simons Variation in Individuals Project (VIP) Core Neuroimaging Support Site	\$368,786	Q2.S.G	University of California, San Francisco
National Institutes of Health	Diffusion tensor MR spectroscopic imaging in human brain	\$185,213	Q2.Other	University of New Mexico Health Sciences Center
National Institutes of Health	Autism: Neuropeptide hormones and potential pathway genes	\$185,370	Q2.S.G	University of Illinois at Chicago
National Institutes of Health	A comparative developmental connectivity study of face processing	\$229,574	Q2.Other	Medical University of South Carolina
National Institutes of Health	Functional anatomy of face processing in the primate brain	\$1,720,556	Q2.Other	National Institutes of Health
National Institutes of Health	Multisensory integration in children with ASD	\$229,813	Q2.Other	University of California, Davis
National Institutes of Health	Autistic traits: Life course & genetic structure	\$548,446	Q2.S.G	Washington University in St. Louis
National Institutes of Health	Emergence and stability of autism in fragile X syndrome	\$358,000	Q2.S.D	University of South Carolina
National Institutes of Health	Glial control of neuronal receptive ending morphology	\$418,275	Q2.Other	Rockefeller University
National Institutes of Health	Learning and plasticity in the human brain	\$286,110	Q2.Other	National Institutes of Health
National Institutes of Health	Neuronal activity-dependent regulation of MeCP2	\$426,857	Q2.S.D	Harvard Medical School
National Institutes of Health	Imaging PTEN-induced changes in adult cortical structure and function in vivo	\$300,339	Q2.Other	University of California, Los Angeles
National Institutes of Health	Selective disruption of hippocampal dentate granule cells in autism: Impact of PTEN deletion	\$367,500	Q2.S.E	Cincinnati Children's Hospital Medical Center

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Mouse models of the neuropathology of tuberous sclerosis complex	\$253,177	Q2.S.D	University of Texas Health Science Center at Houston
Simons Foundation	Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$320,196	Q2.S.G	University of California, San Francisco
National Institutes of Health	Pragmatic skills of young males and females with fragile X syndrome	\$396,073	Q2.L.A	University of North Carolina at Chapel Hill
Simons Foundation	Relating copy number variants to head and brain size in neuropsychiatric disorders	\$374,659	Q2.S.G	University of California, San Diego
National Institutes of Health	Computational characterization of language use in autism spectrum disorder	\$759,606	Q2.Other	Oregon Health & Science University
Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$465,813	Q2.S.G	University of Washington
Simons Foundation	Genetic studies of autism-related Drosophila neurexin and neuroligin	\$550,000	Q2.Other	University of North Carolina at Chapel Hill
Simons Foundation	Longitudinal neurogenetics of atypical social brain development in autism	\$876,490	Q2.S.G	Yale University
National Institutes of Health	Function of neurexins	\$466,651	Q2.Other	Stanford University
National Institutes of Health	Atypical late neurodevelopment in autism: A longitudinal MRI and DTI study	\$469,620	Q2.Other	University of Utah
National Institutes of Health	Mechanisms for 5-HTT control of PPI and perseverative behavior using mouse models	\$375,589	Q2.S.G	University of Chicago
National Institutes of Health	The cognitive neuroscience of autism spectrum disorders	\$1,102,811	Q2.Other	National Institutes of Health
National Institutes of Health	Study of fragile X mental retardation protein in synaptic function and plasticity	\$366,516	Q2.S.D	University of Texas Southwestern Medical Center

